**FIG. 1**

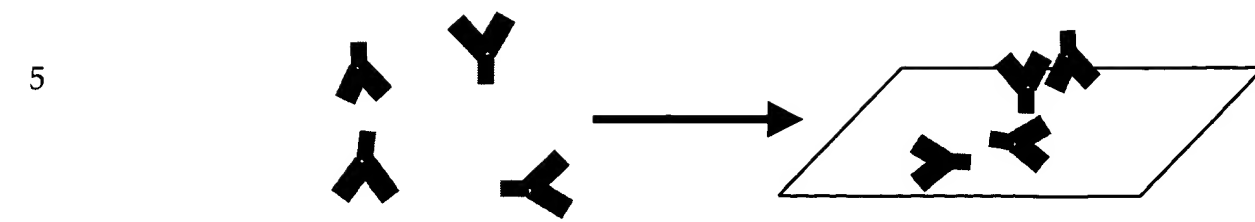


FIG. 2

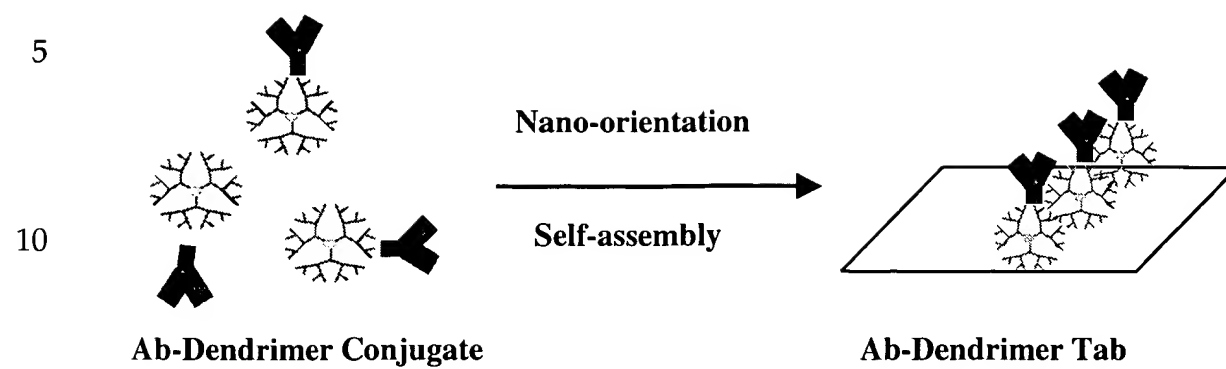
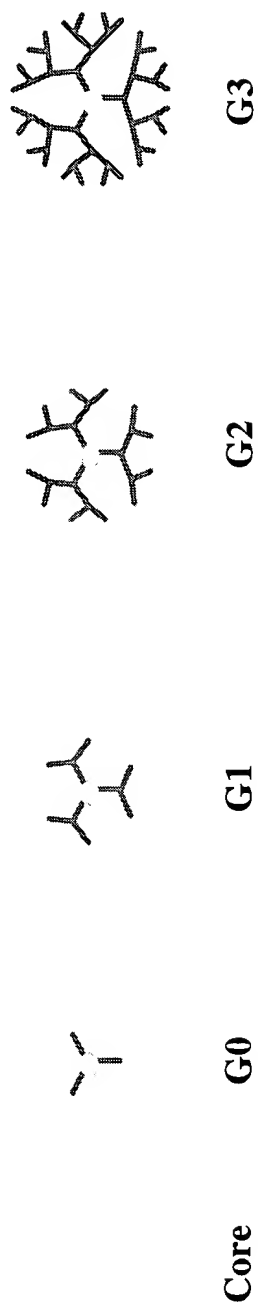


FIG. 3

### Dendrimer-Terminal Branching



### Dendrigrraft-Backbone Branching

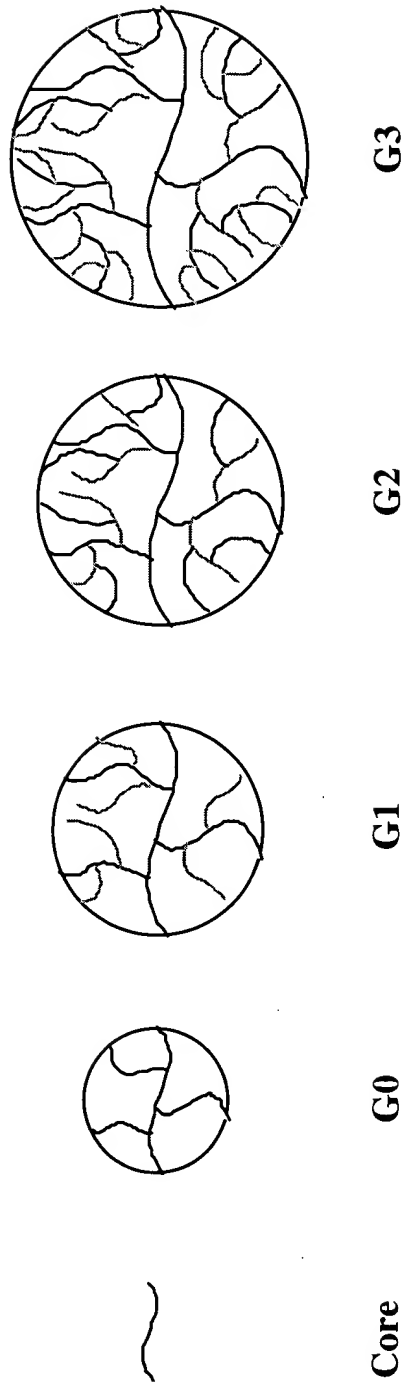


FIG. 4

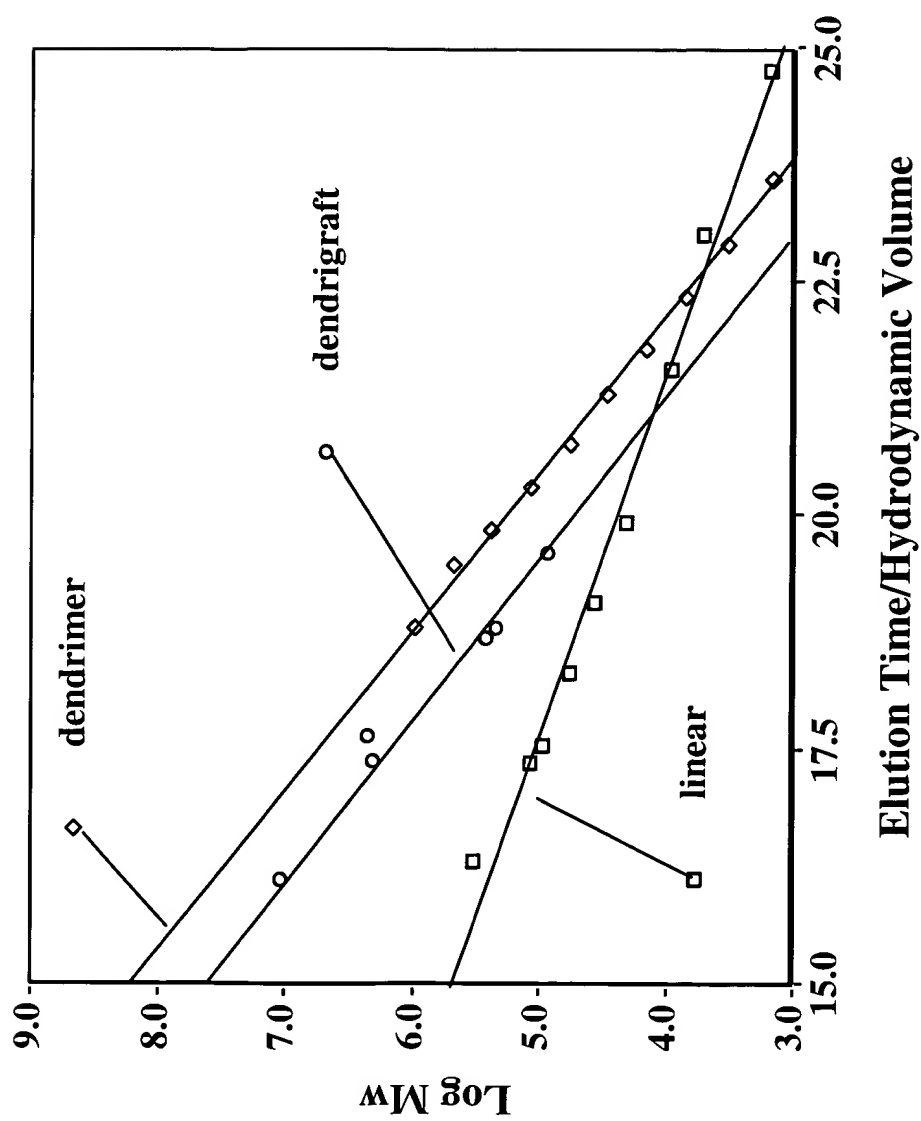


FIG. 5

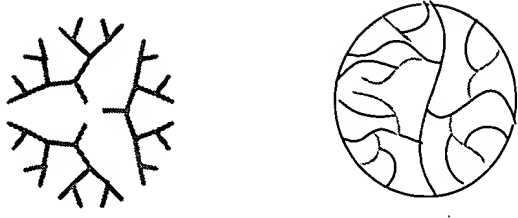
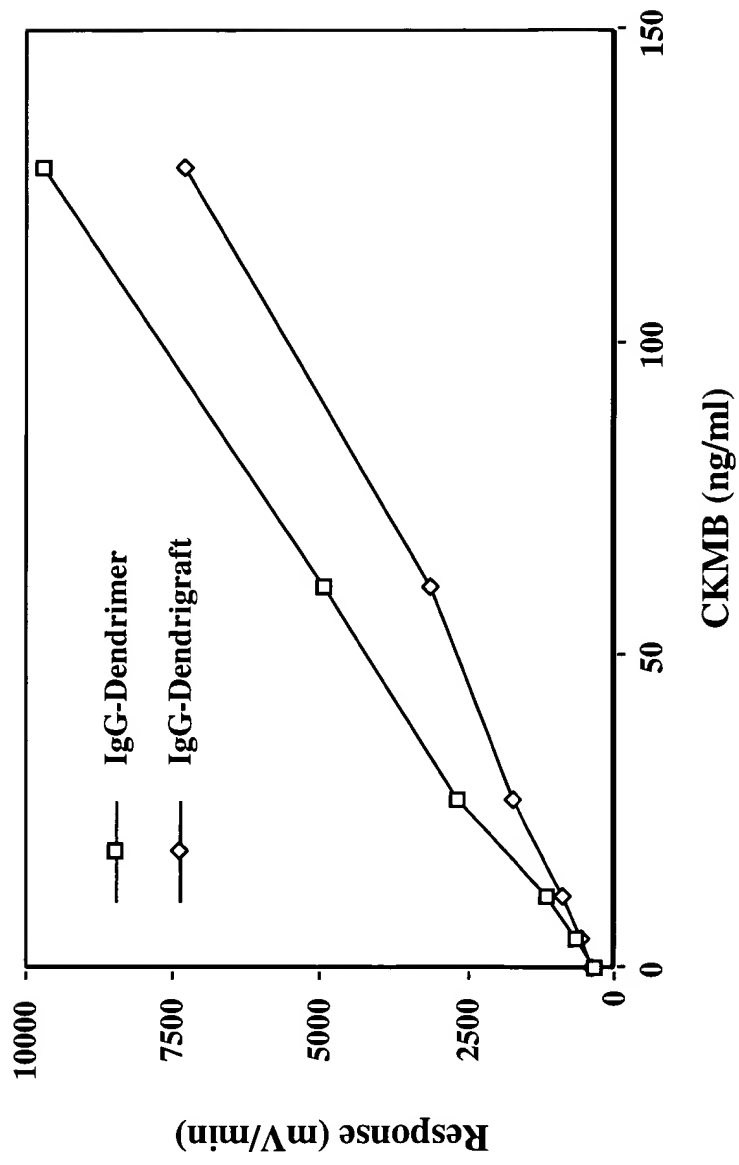
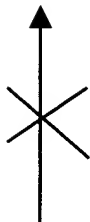
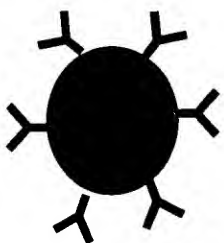


FIG. 6



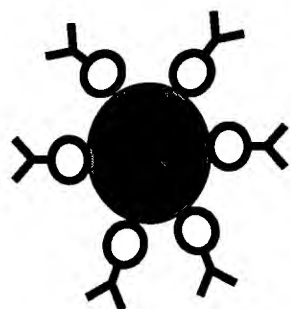
Colloidal Gold, 55 nm

Ab

Au-Ab Conjugate



FIG. 7



Ab-Den-Au Conjugate



Colloidal Gold, 55 nm

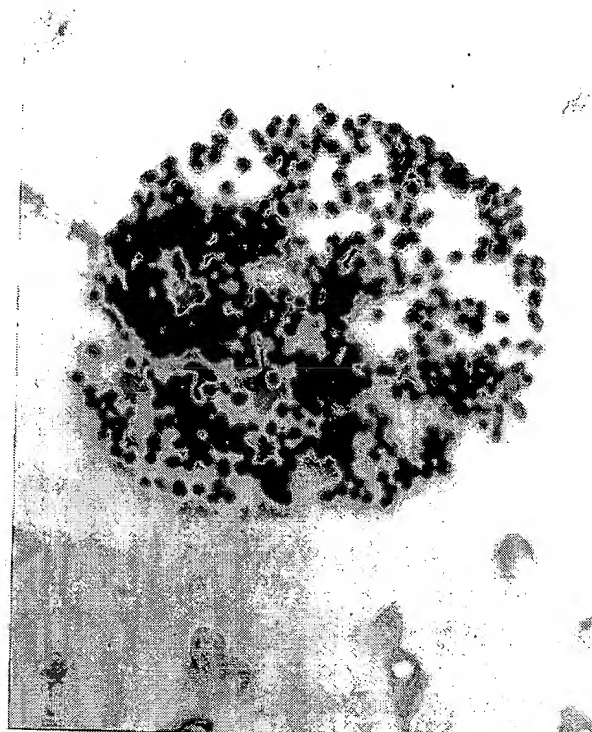
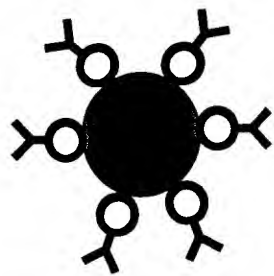


FIG. 8





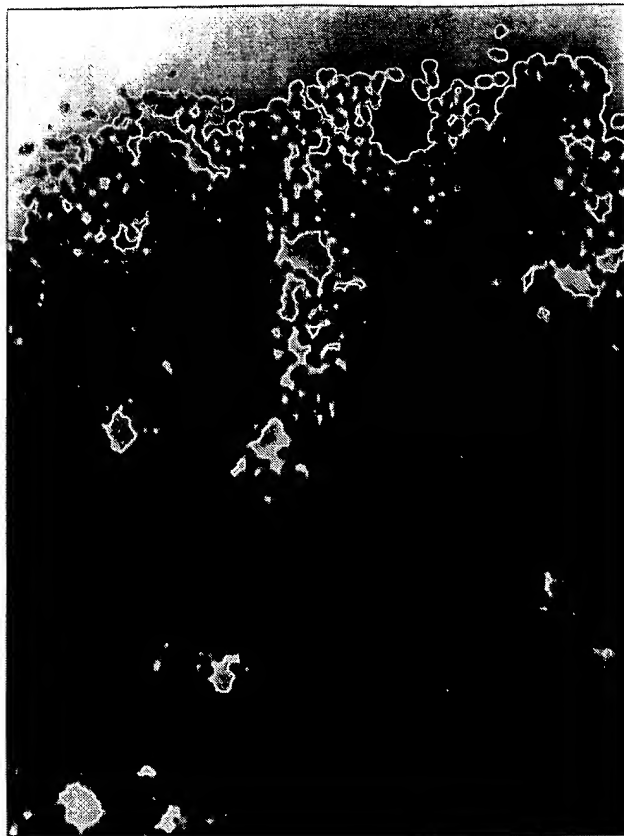
+

**Toxin**



**Clusters**

**Ab-Den-Au Conjugates**



**FIG. 9**

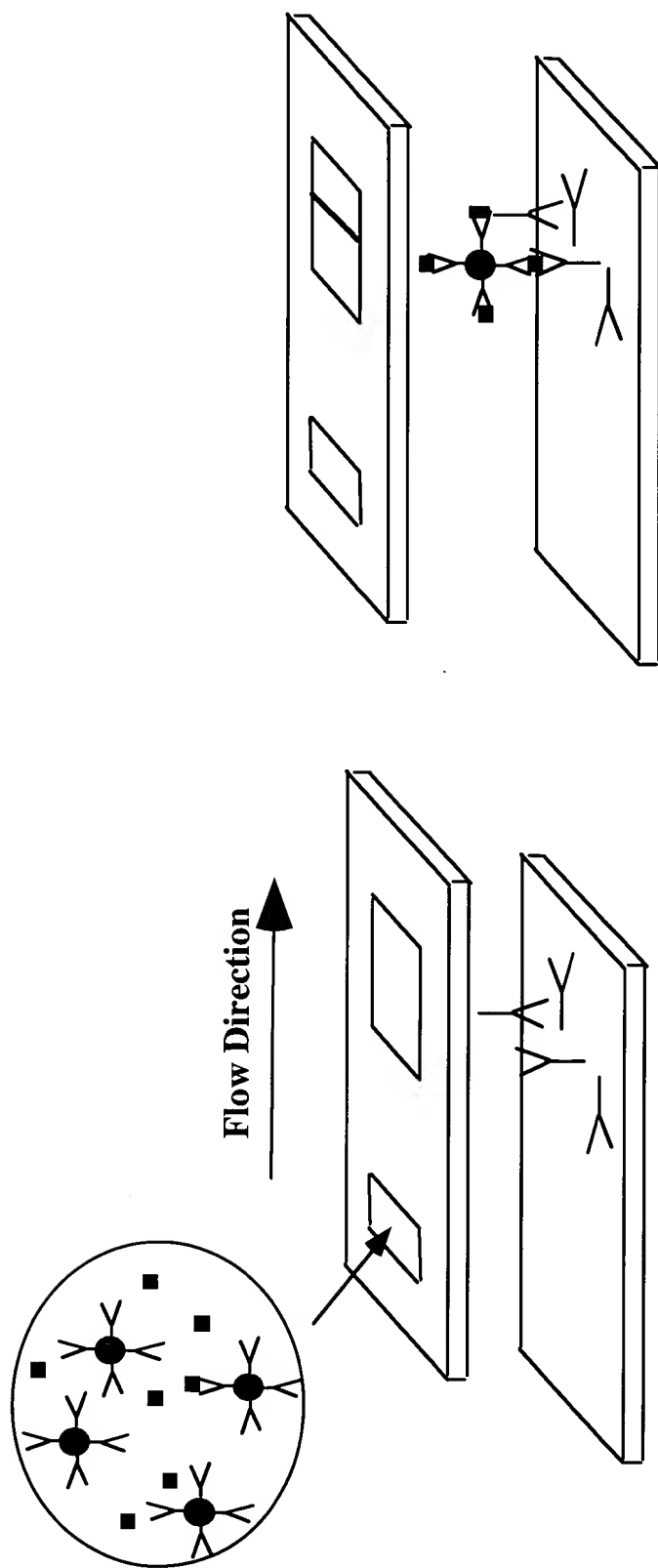


FIG. 10

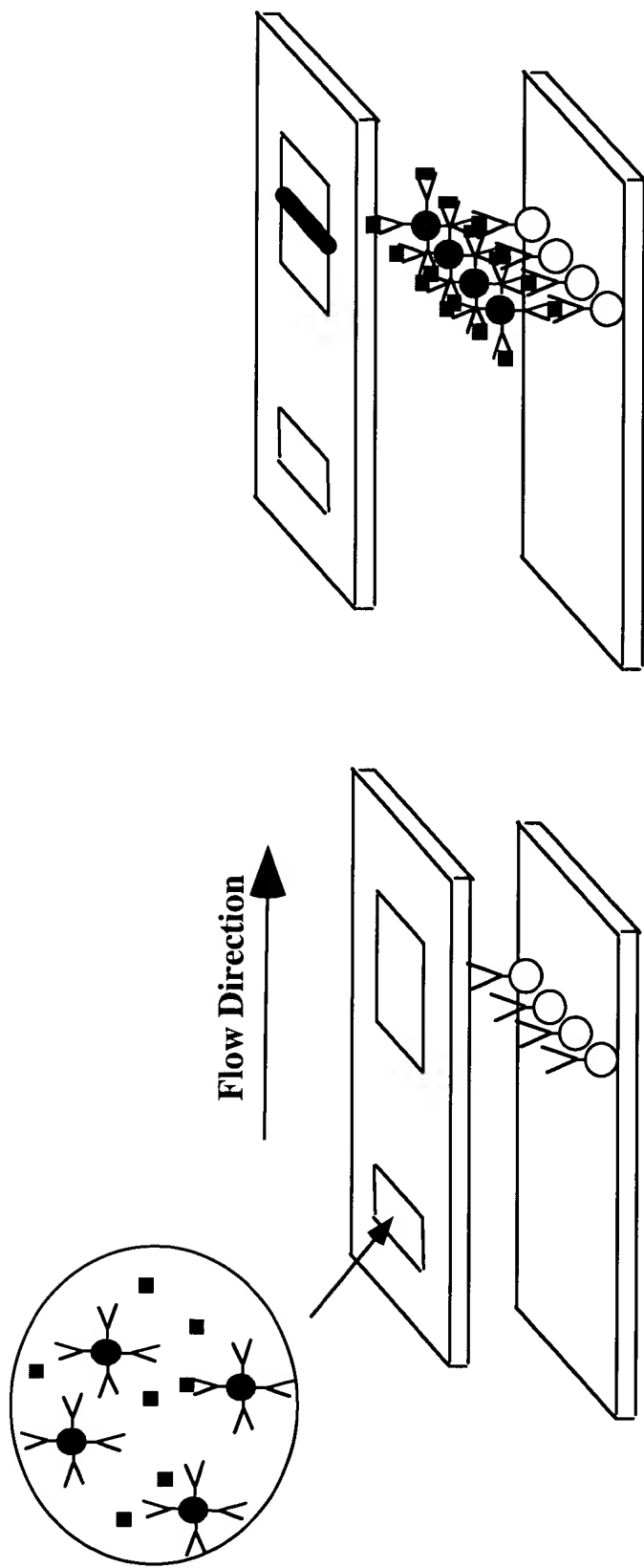


FIG. 11

Concentration (ng/ml)	Time (min)
Control	3 min.
125	3 min.
25	4 min.
12.5	7 min.
6.25	10 min.
1.25	15 min.

**FIG. 12**